

## ABSTRACT

The invention relates to developments in the treatment of diabetes in mammals. Particularly it relates to a method of preparing a xenotransplantable porcine islet preparation capable upon xenotransplantation of producing porcine insulin in an appropriate recipient mammal,

5 the method including or comprising the steps of:

- (I) harvesting the pancreas of piglets at or near full term gestation, and
- (ii) extracting pancreatic  $\beta$  islet cells from the harvested pancreas wherein the islets (at least at some stage in the performance of the method) are exposed to nicotinamide.

10 Further, the invention relates to a method of encapsulation of a xenotransplantable porcine islet preparation, and transplantation of such a preparation, or a capsule containing such a preparation, into an appropriate recipient mammal.

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